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## ML Directorate to host technology workshop

*by Timothy R. Anderl, Materials and Manufacturing Directorate*

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — Air Force warfighters commonly face situations where the readiness and operability of aircraft materials and systems can mean the difference between mission success or failure.

Scientists and engineers from the Air Force Research Laboratory's Materials and Manufacturing Directorate have invited their partners from government and industry to participate in a workshop. The workshop will focus on keeping reliable and affordable materials at the warfighters fingertips, and to ensure that their systems and technologies are mission ready when warfighters need them most.

The fourth biennial Military Aviation Fluids and Lubricants Workshop, which is hosted by the ML Nonstructural Materials Division's Fluids and Lubricants Group, is scheduled to take place at Hope Hotel from June 15 - 17. The workshop will offer participants the opportunity to share concerns, insight and solutions to issues as diverse as hydraulic fluid purification, environmentally friendly solvents, aircraft maintainer issues, turbine engine lubrication, and aerospace greases.

"In today's wartime environment it is especially important that we can maintain, sustain, and ensure the operational capabilities of the aircraft systems and technologies that our warfighters need to dominate conflicts," according to C. Ed Snyder, an expert from the Fluids and Lubricants Group. "Turbine engines, hydraulic systems and landing gear are just a few examples of areas where fluids and lubricants are critical to the operation of an aircraft. Our goal for the workshop is to bring aircraft designers and other representatives from industry, aircraft manufacturers, maintainers and pilots to the table to interface about their shared concerns and issues."

According to Mr. Snyder, the workshop will feature speakers from across the Air Force, including AFRL's Materials and Manufacturing and Propulsion Directorates, the Aeronautical System Center's Pollution Prevention Group, the Air Force Safety Office, the Aging Aircraft System Program Office, and the Air Logistics Center at Hill Air Force Base, Utah. In addition, representatives from the Navy, Army and the aircraft industry will also make presentations. ML representatives have also designed a special interchange with Air Mobility Command maintainers to address issues they commonly face while on the flightline.

"The information that we share and discuss at the workshop will allow participants, from whatever area of service, career field or capacity, to continue to maintain and improve those complex, linch pin systems that ensure the success of our operational forces," Mr. Snyder said.

For more information or to register for the Military Aviation Fluids and Lubricants Workshop, please contact Ms. Barb Hager by e-mail, [AFRL.MLB.OfficeAccount@wpafb.af.mil](mailto:AFRL.MLB.OfficeAccount@wpafb.af.mil), or by phone, (937)255-5731. @